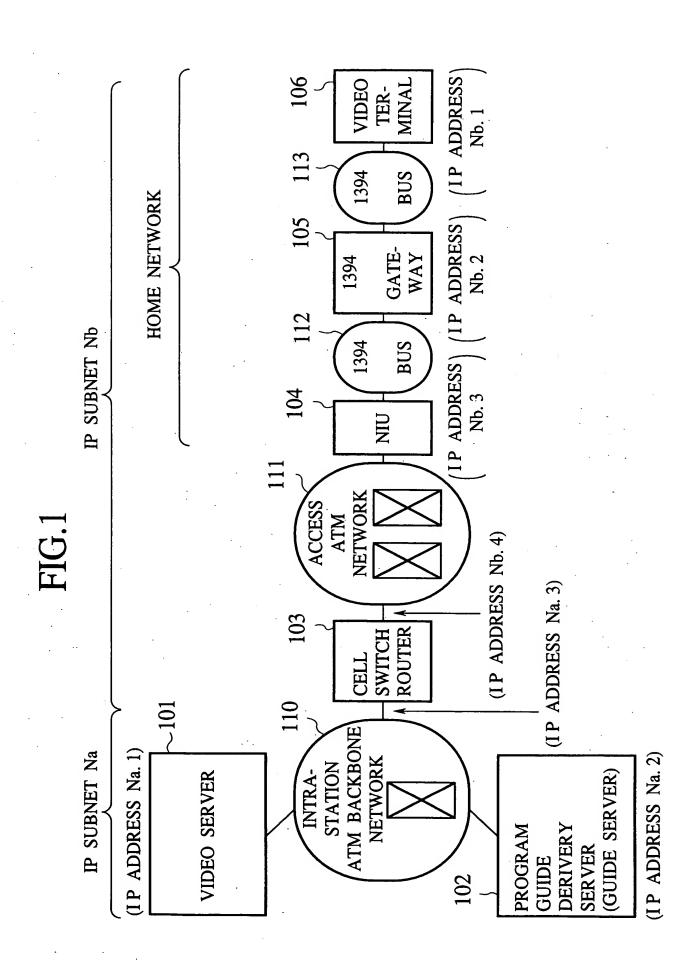
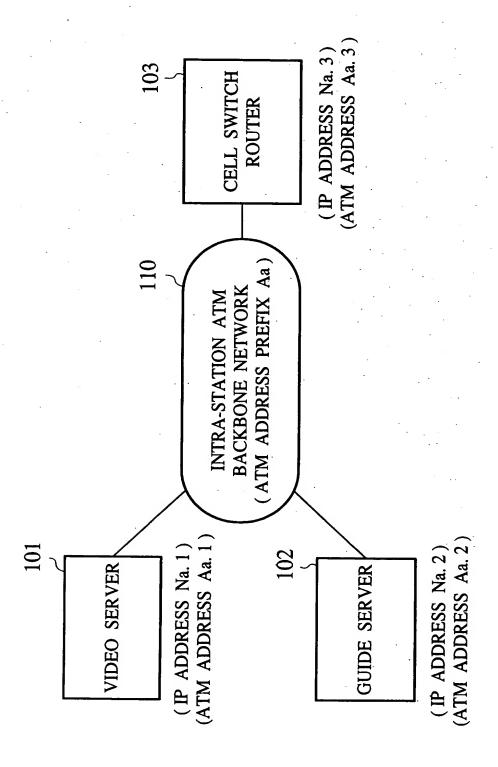
. 'L'







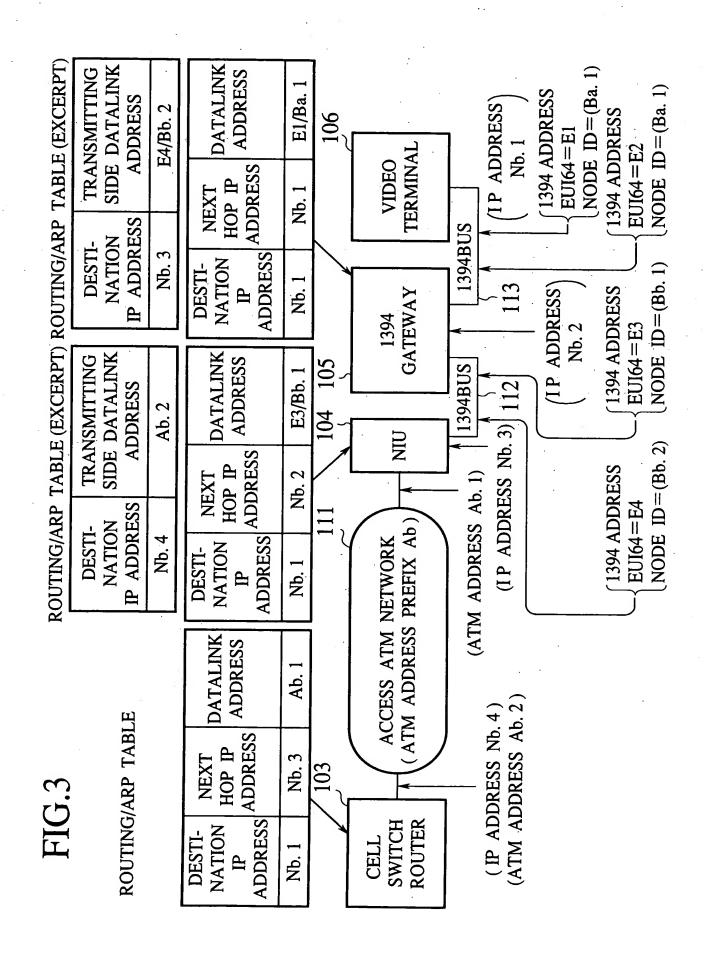
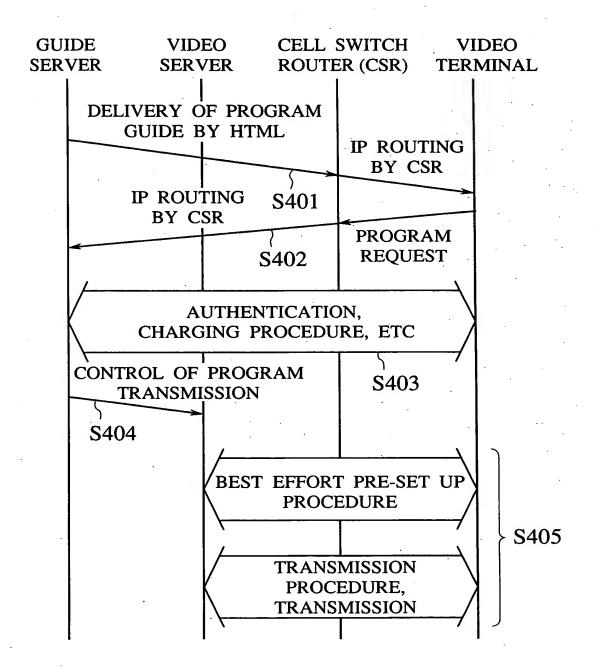


FIG.4





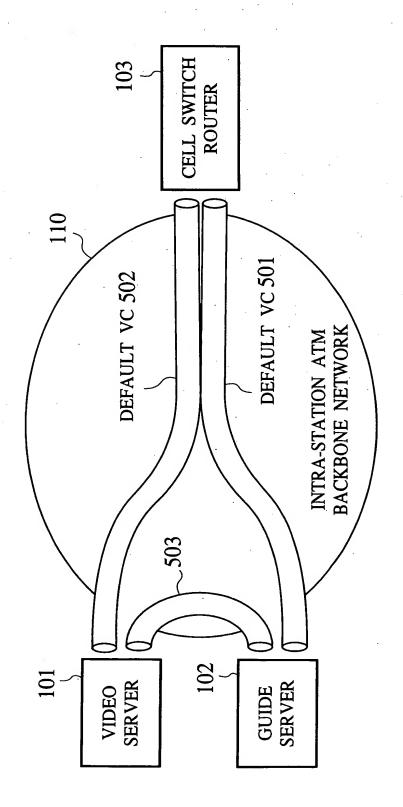
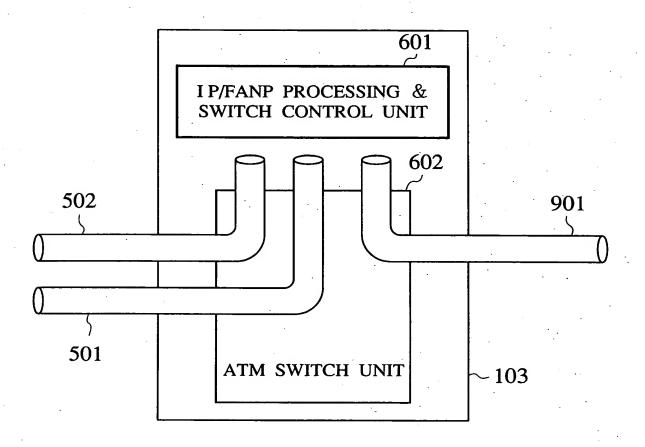
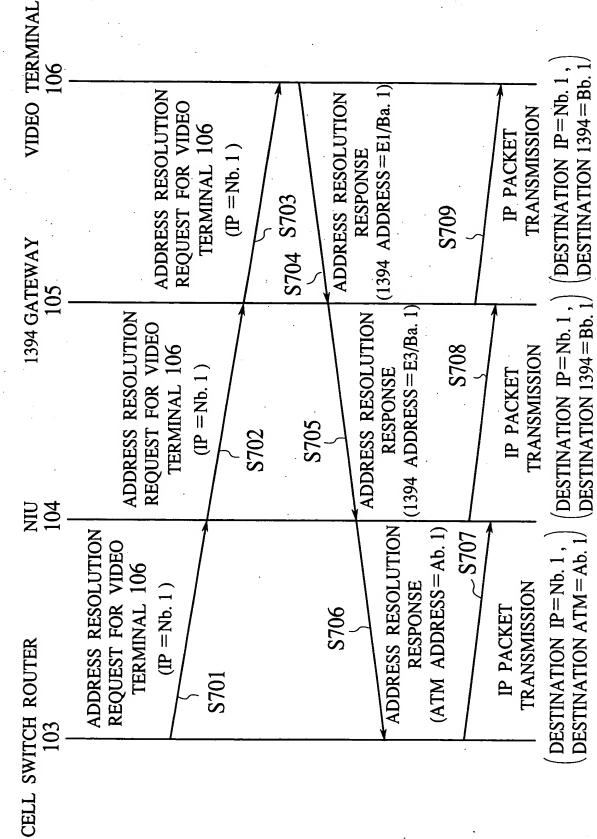


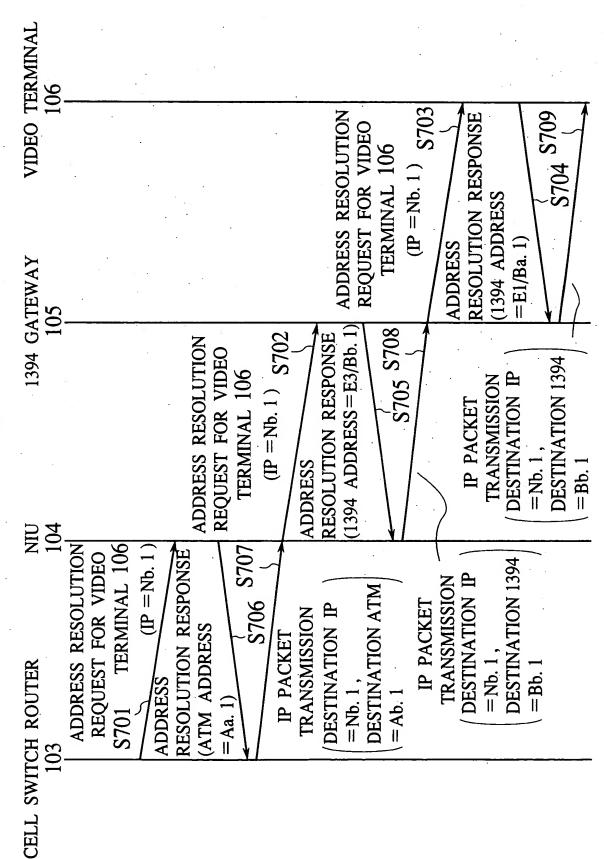
FIG.6



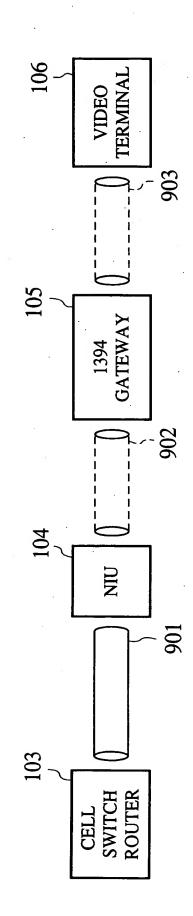


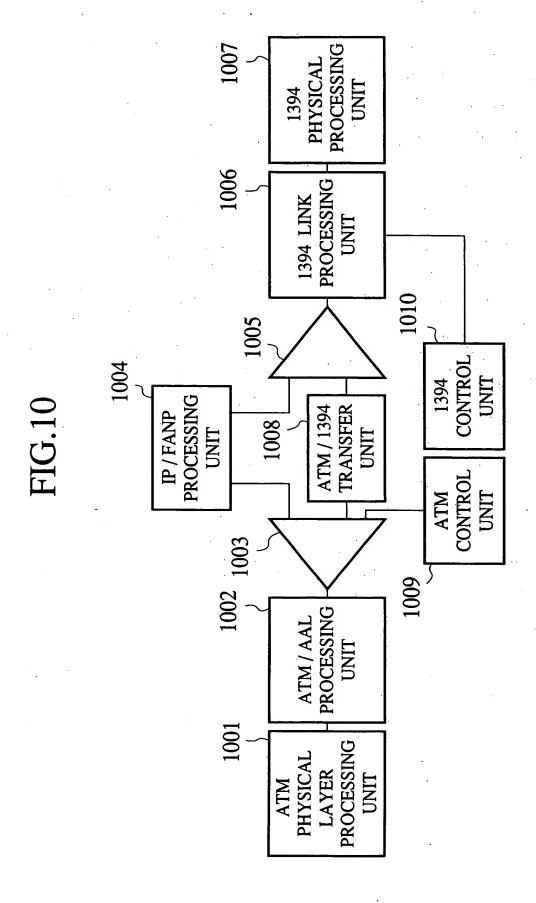






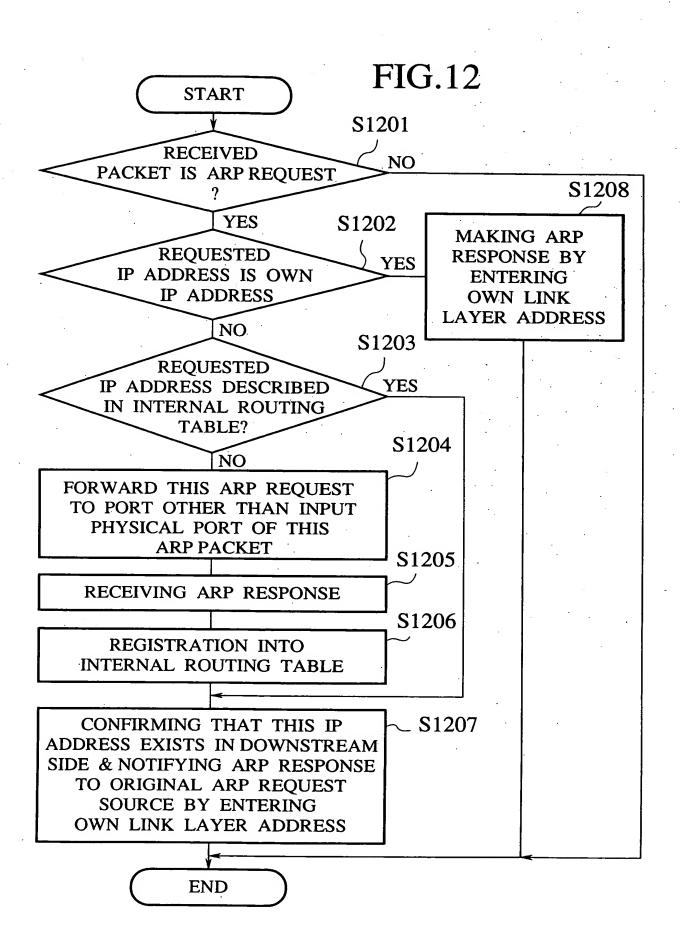






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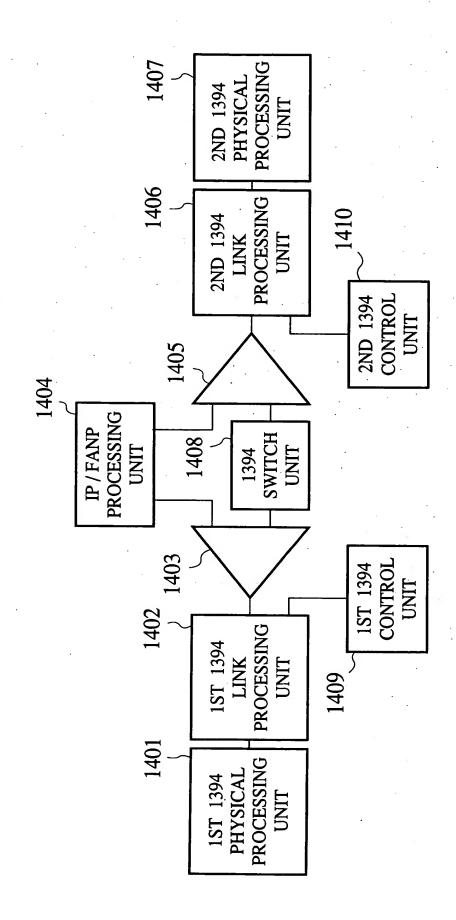
DATALINK PHYSICAL ADDRESS	Bb. 1	Bb. 1	Ab. 2 (OR VCI)	Ab. 2 (OR VCI)	Ab. 2 (OR VCI)	
PHYSICAL PORT	1394 SIDE	1394 SIDE	ATM SIDE	ATM SIDE	ATM SIDE	·
NEXT HOP IP ADDRESS	Nb. 1	Nb. 2	Nb. 4	Nb. 4	Nb. 4	
DESTINATION IP ADDRESS	Nb. 1	Nb. 2	Nb. 4	Na	default	

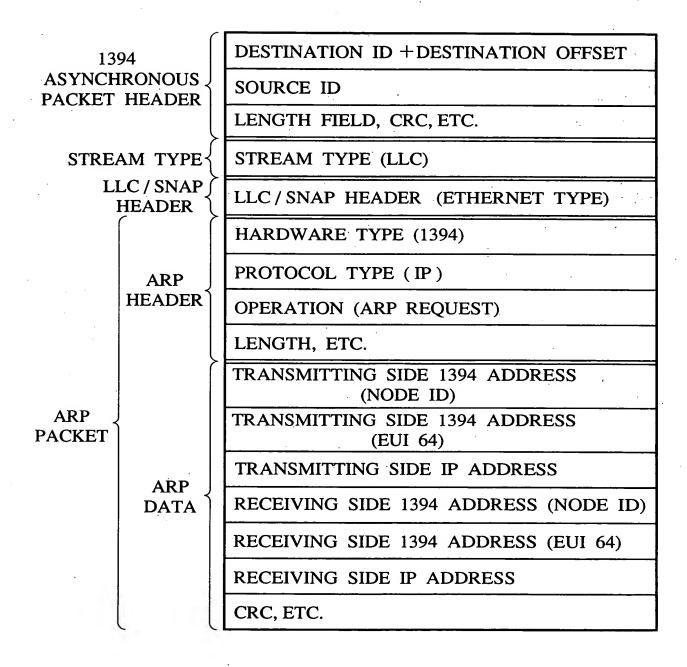


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	<b>,</b>	
	1394	DESTINATION ID: BUS BROADCAST (ALL "1")
AS	ASYNCHRONUOS A	SOURCE ID
•		LENGTH FIELD, CRC, ETC.
	Stream type $\Big\{$	STREAM TYPE (LLC)
TTC/	LLC/SNAP HEADER $\Big\{$	LLC/SNAP HEADER (ETHERNET TYPE)
		HARDWARE TYPE (1394)
	ARP HFADER	PROTOCOL TYPE (IP)
		OPERATION (ARP REQUEST)
	2	LENGTH, ETC.
PACKET.		TRANSMITTING SIDE 1394 ADDRESS (NODE ID)
		TRANSMITTING SIDE 1394 ADDRESS (EUI 64)
	ARP DATA	TRANSMITTING SIDE IP ADDRESS
		RECEIVING SIDE 1394 ADDRESS (ALL "0" FOR UNKNOWN)
		RECEIVING SIDE IP ADDRESS
		CRC, ETC.
	,	

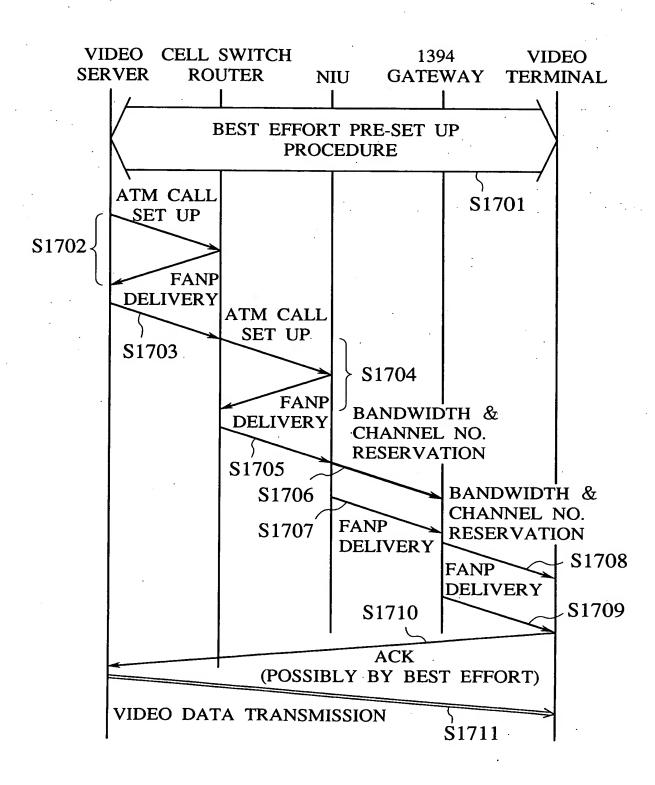


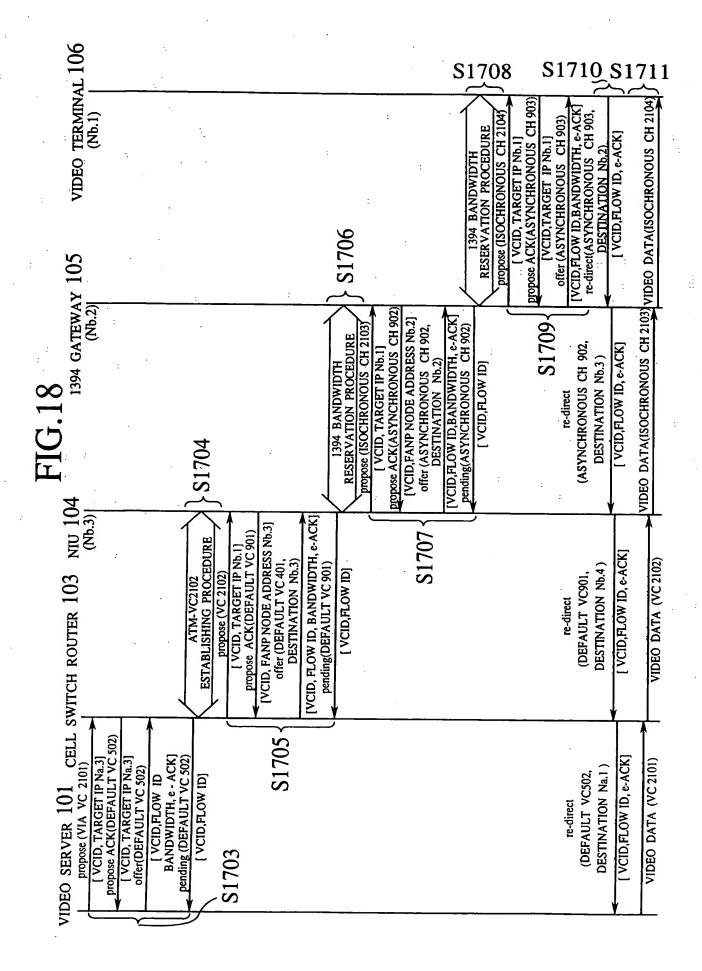




_	
1394	DESTINATION ID + REGISTER OFFSET
ASYNCHRONOUS   PACKET HEADER	SOURCE ID
	LENGTH FIELD, CRC, ETC.
STREAM TYPE	STREAM TYPE (LLC)
LLC / SNAP { HEADER	LLC/SNAP HEADER (ETHERNET TYPE, IP)
	IP HEADER
IP PACKET	IP PAYLOAD

**FIG.17** 





OUTPUT CHANNEL NO. OR DESTINATION ADDRESS WITH REGISTER OFFSET	45	<i>L</i> #	7#	
OUTPUT PORT	В	g	В	
ATTRIBUTE	MPEG, 4M	MPEG, 4M	AUDIO, 1M	·
INPUT CHANNEL NO. OR REGISTER OFFSET	#1	#3	#2	

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## **FIG.20**

<b>HAEDWARE</b>	<b>TYPE</b>	(ATM)
-----------------	-------------	-------

PROTOCOL TYPE (IP)

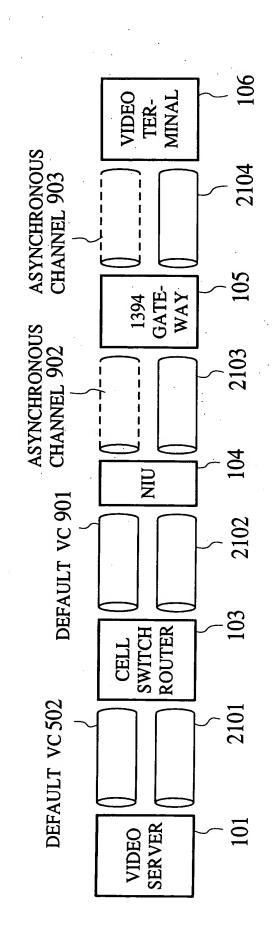
OPERATION CODE (propose / propose ACK / NACK)

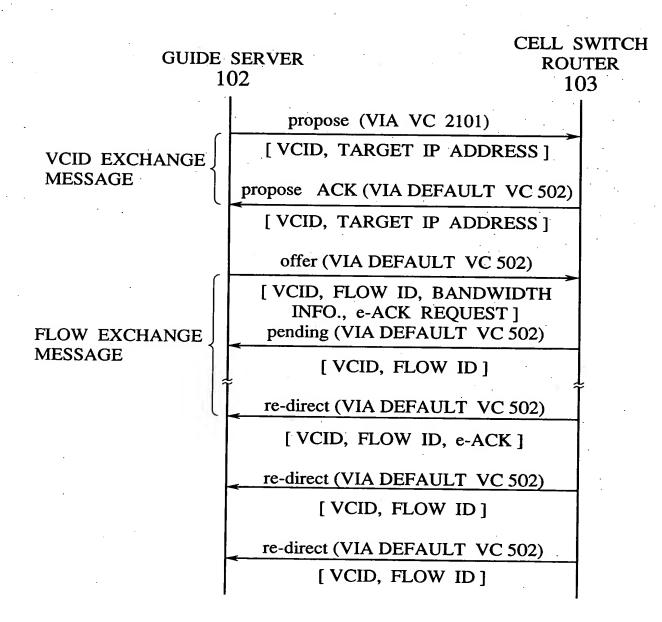
SENDER IP ADDRESS

TARGET IP ADDRESS OR FANP TERMINATING NODE IP ADDRESS

**VCID** 

FIG. 21





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VERSION NO.	OPERATION CODE	CHECKSUM		
VCID TYPE FLOW ID TYPE		ERROR CODE /REFRESH INTERVAL		
LENGTH	ρ÷	RESERVED		
VCID				
FLOW ID				
TYPE	LENGTH			
VARIABLE				

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VERSION=2	OPERATION CODE=1	RESERVED
VCID TYPE	FLOW ID TYPE	RERESH INTERVAL
LENGTH		RESERVED
VCID		
FLOW ID		
TYPE	LENGTH	COMMUNICATION ATTRIBUTE (MPEG)
ТҮРЕ	LENGTH	BANDWIDTH (COM- MUNICATION QUALITY)
ТҮРЕ	LENGTH	e - ACK REQUEST

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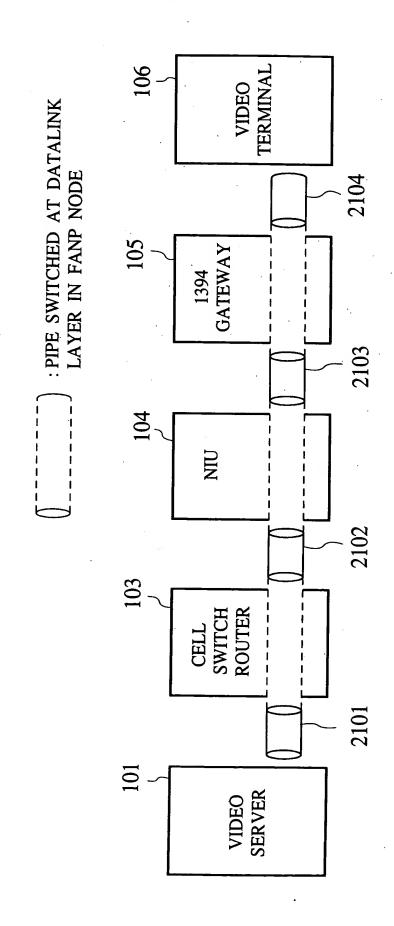
VERSION=2	OPERATION CODE=6	RESERVED
VCID TYPE	FLOW ID TYPE	RESERVED
LENGTH		RESERVED
VCID		*
FLOW ID		

1394 ASYNCHRONOUS PACKET HEADER				
STREAM TYPE				
LLC/SNAP HEADER				
HARDWARE TYPE PROTOCOL TYPE=0×800				
SHLen=0	SNUILen=0	OPERATION	CODE	
SPLen	THLen=0	TNUILen=0	TPLen	
SENDER IP ADDRESS				
TARGET IP ADDRESS OR FANP TERMINATING NODE IP ADDRESS				
VCID				

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			·
	VERSION=2	OPERATION CODE=1	RESERVED
	VCID TYPE	FLOW ID TYPE	RESERVED
	LENGTH		RESERVED
	VCID		
	FLOW ID		
OPTION	ТҮРЕ	LENGTH	e - ACK RESPONSE
. [			





FANP NODE 2901

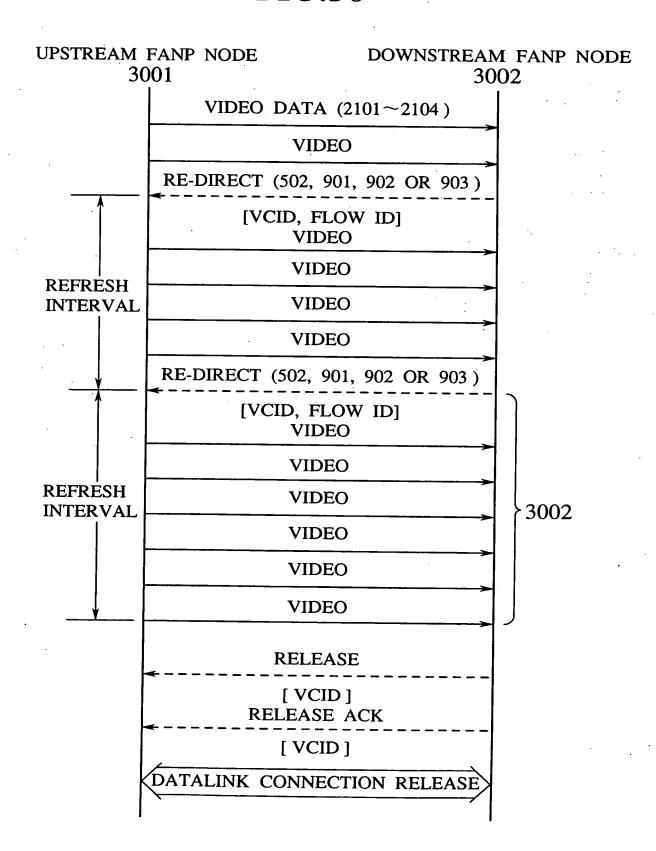
FANP NODE 2902

RELEASE (DEFAULT VC OR ASYNCHRONOUS CHANNEL)

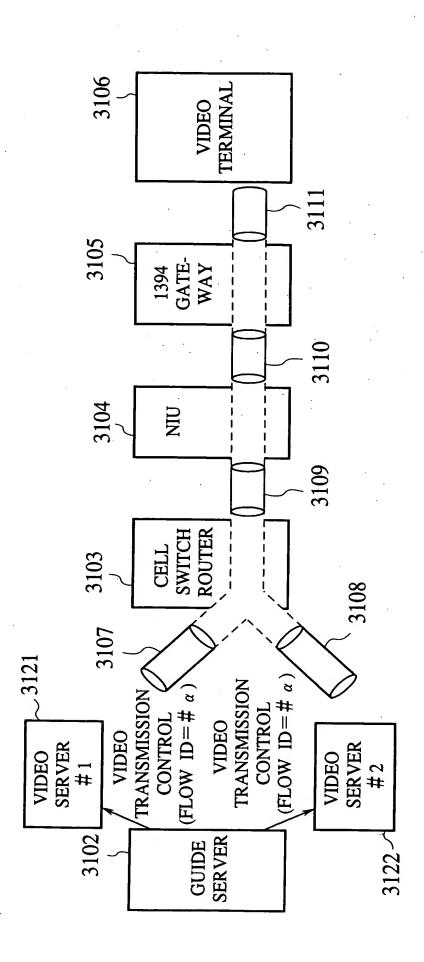
[VCID]

RELEASE ACK (DEFAULT VC OR ASYNCHRONOUS CHANNEL)

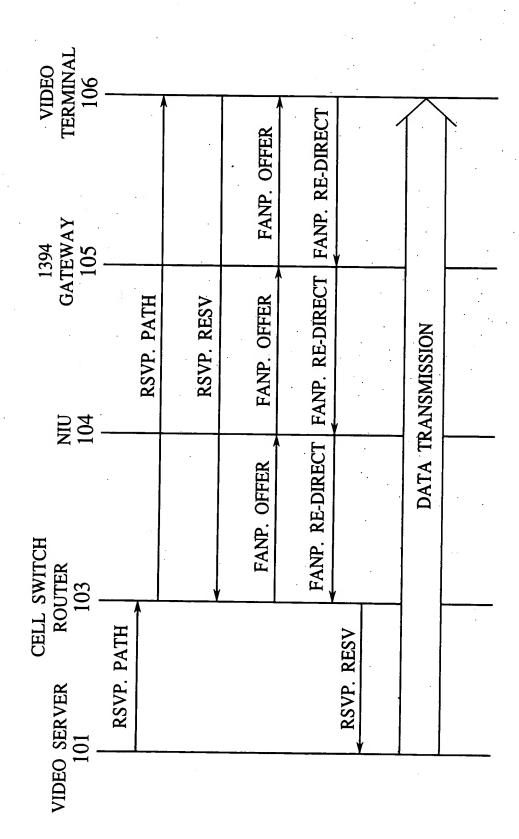
[VCID]



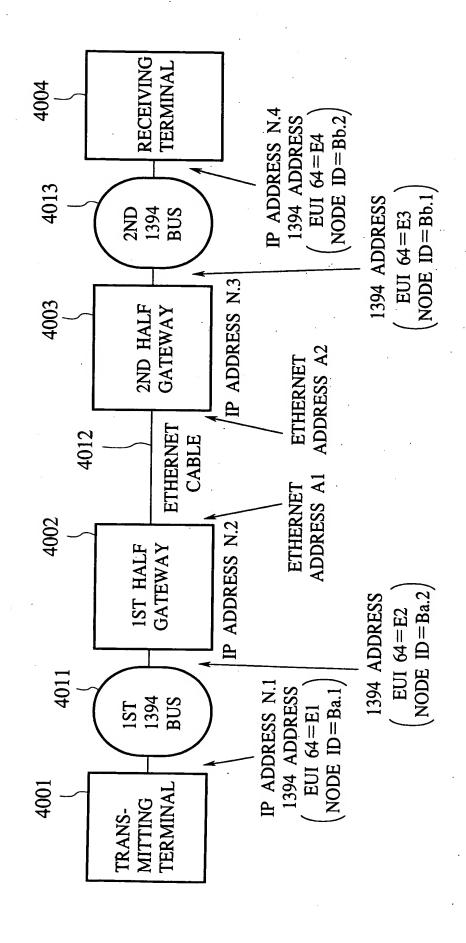




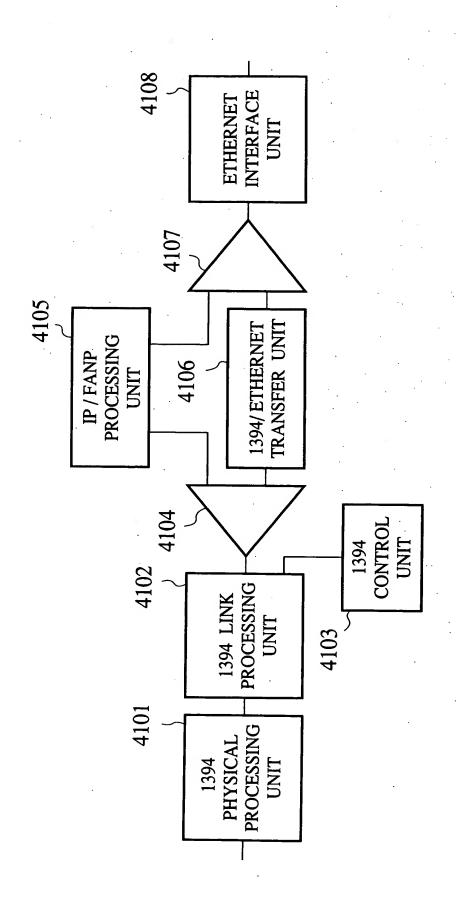






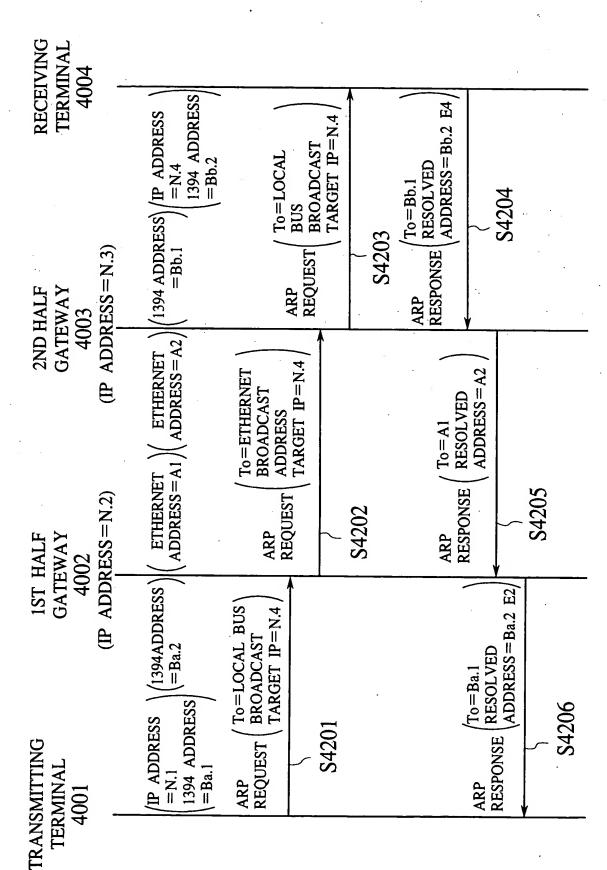


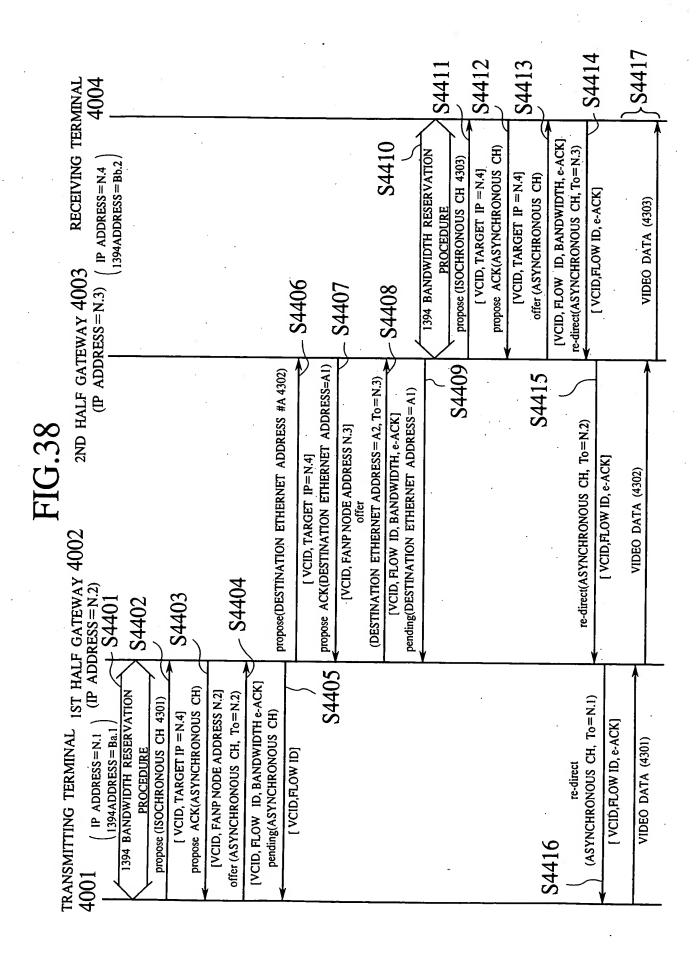


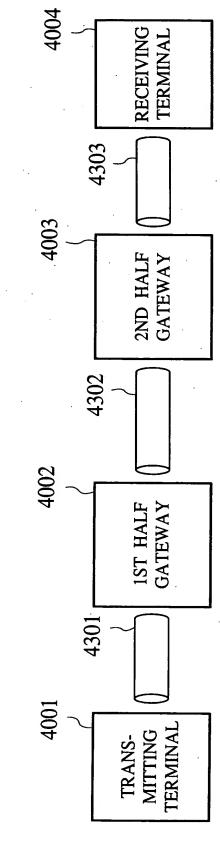


Ü			
OUTPUT MAC ADDRESS	# Y	# B	
OUTPUT PORT	В	æ	
ATTRIBUTE	MPEG, 4M	AUDIO, 1M	
INPUT CHANNEL NO. OR DESTINATION ADDRESS WITH SPECIFIC REGISTER OFFSET	#1	#	

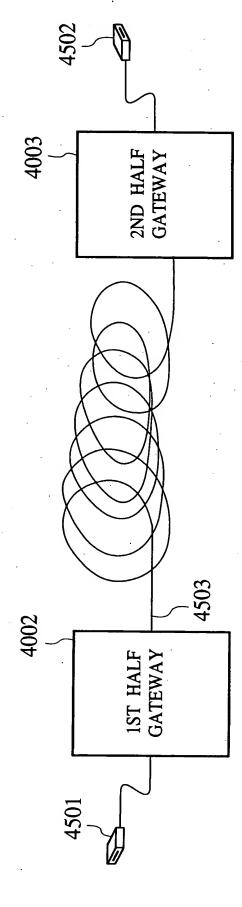
OUTPUT CHANNEL NO. OR DESTINATION ADDRESS WITH SPECIFIC REGISTER OFFSET	#1	#3	
OUTPUT PORT	В	æ	
ATTRIBUTE	MPEG, 4M	AUDIO, 1M	
INPUT MAC ADDRESS	¥	#B	



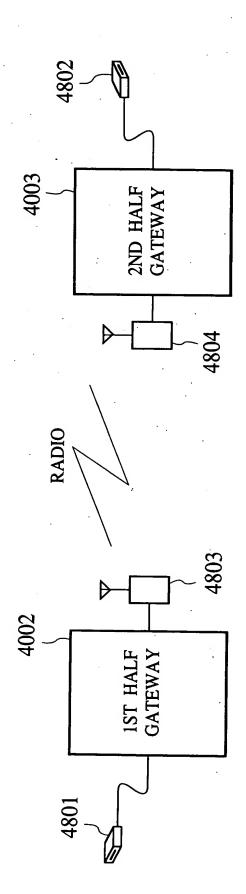




[ VCID, FLOW ID]







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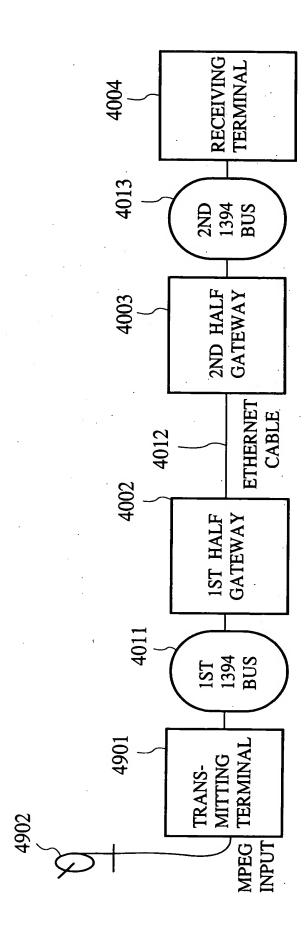
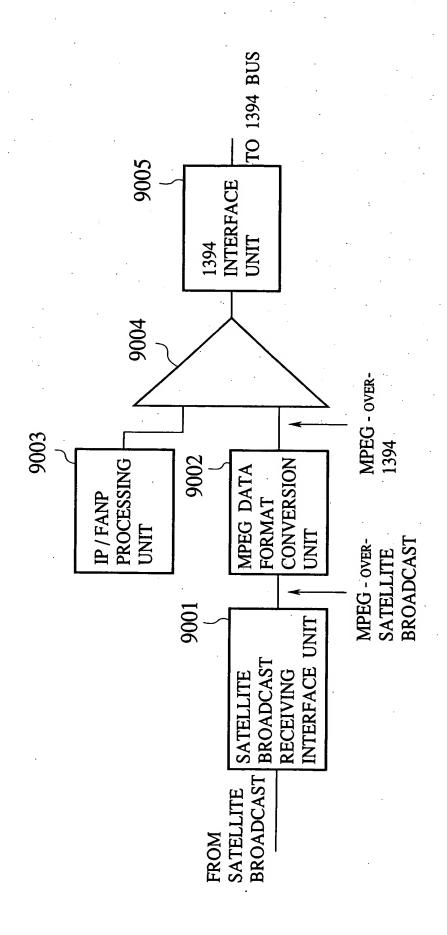


FIG.42





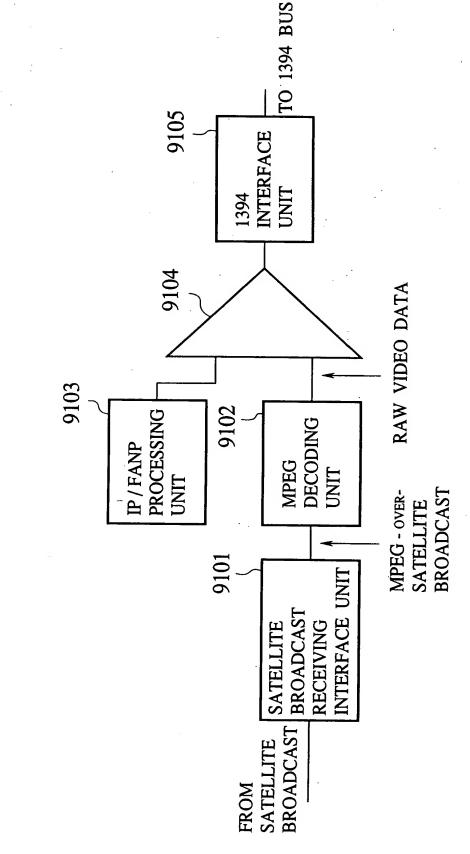
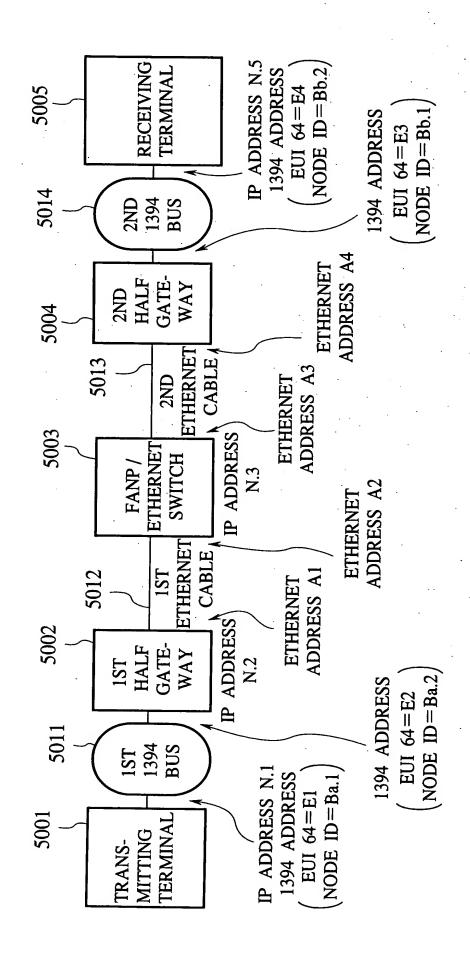
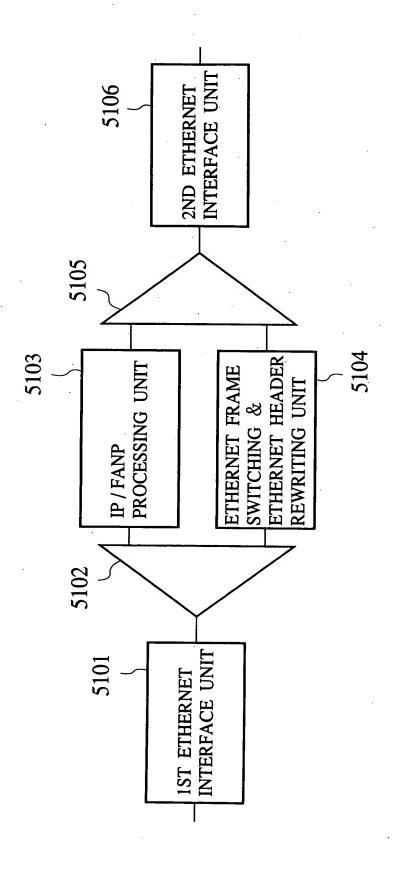


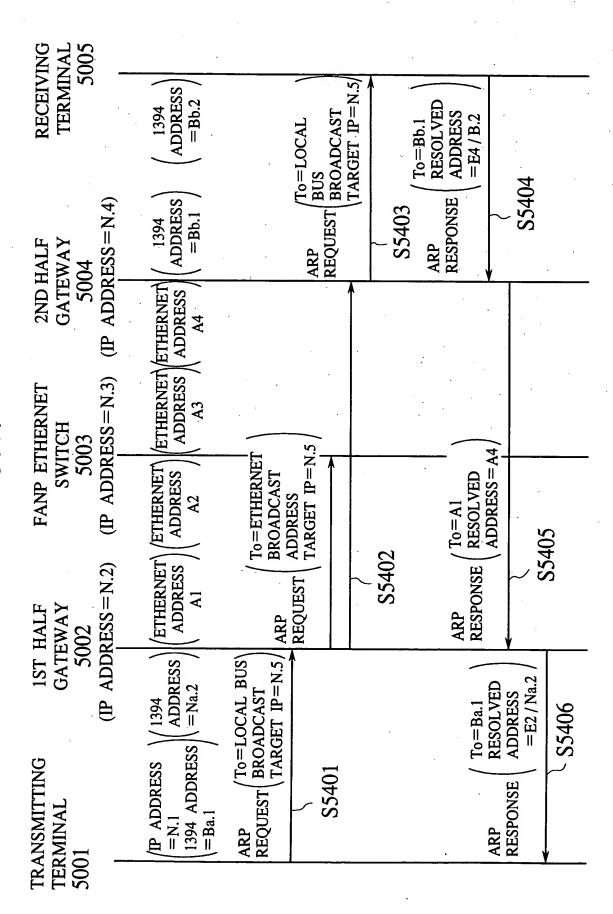
FIG 44





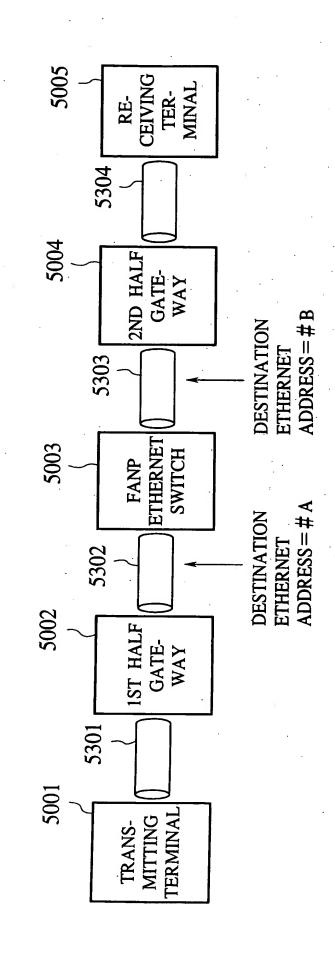




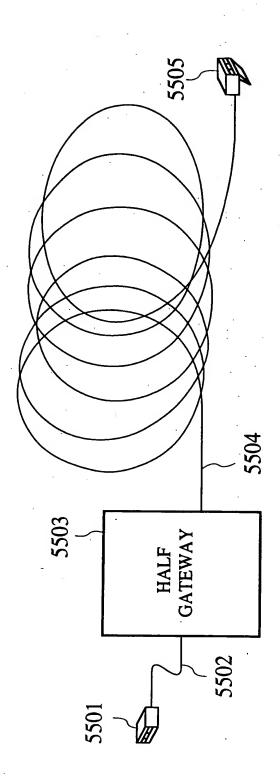


RECEIVING 5005 TERMINAL	S=N.5 RESS \					<del></del>			14	RE	S CH)		e-ACK]   = N.4)	()	
5004	RESS   IP ADDRESS=N.5   I394ADDRESS   E4.Bb.2   E4.Bb.2	_	·				··	٠	\$ \$5514	1394 BANDWIDTH RESERVATION PROCEDURE	[ VCID, TARGET IP=N.5]  propose ACK(ASYNCHRONOUS	[VCID,TARGET IP=N.5] offer (ASYNCHRONOUS CH	VCID,FLOW ID,BANDWIDTH, e-ACK re-direct (ASYNCHRONOUS CH, To=N.4)	[ VCID,FLOW ID, e-ACK]	VIDEO DATA(5304)
GATEWAY ESS=N.4)	(1394ADDRESS =E3.Bb.1					\$5510	\$5511	S5512	S5513	RESER	VC J NC AC	[VC] offer (AS	[VCID,FLOV	<u> </u>	Ī.
003 2ND HALF GATEWAY (IP ADDRESS=N.4)	(ETHERNET ADDRESS = A4)					propose (DESTINATION ETHERNET	ADDRESS #85303) [ VCID, TARGET IP=N.5] Propose ACK(DESTINATION	VCID, FANP NODE ADDRESS = N.4] offer (DESTINATION	ETHERNET ADDRESS = A4.To = N.4), VCID.FLOW ID.BANDWIDTH, e-ACK	ETHERNET ADDRESS=A3) ( VCID, FLOW ID] S5515	S5516 S5517		ETHERNET (	VCID, FLOW ID, e-ACK)	לנחכר אוא
FANP ETHERNET SWITCH 5003 (IP ADDRESS=N.3)	ETHERNET (ADDRESS=A3)		S5506	\$5507	\$5508		ADDRES [ VCID, TA propose ACK(	VCID, FANP NO offer (DEST	ETHERNET ADDRESS=/ [VCID,FLOW ID,BANDWID]	ETHERNET ADDRI [ VCID,FLOW ID]	95510		(DESTINATION ETHERNET ADDRESS=A3, To=N.3)	VIDEO D	200
IST HALF GATEWAY 5002 (IP ADDRESS=N.2) FANP ETHI	ADDRESS= $41$ ) (ETHERNET) - $55501$ (ADDRESS= $42$ )	- 55502 S5503 S5504	propose (DESTINATION ETTHERNET ADDRESS #A 5302)	[ VCID, TARGET IP=N.5] propose ACK(DESTINATION ETHERNET ADDRESS=A1)	[VCID, FANP NODE ADDRESS N.3] offer (DESTINATION ETHERNET ADDRESS=A2,To=N.3)	VCID, FLOW ID, BANDWIDTH, e-ACK) pending(DESTINATION ETHERNET ADDRESS=A1)	FLOW I	82209			06350		(DESTINATION ETHERNET ADDRESS=A1, To=N2)	[ VCID,FLOW ID, e-ACK]	VIDEÓ DATA (5302)
TRANSMITTING $5001$ 1ST HAI (IP A) (IP A) ((IP ADDRESS=N.1) (1394ADDRESS) (1394ADDRESS=1, Na.1) (1394ADDRESS=1, Na.1)	1394 BANDWIDTH RESERVATION PROCEDURE Propose (ISOCHRONOUS CH 5301)	) ≘/ন	(ASTNCHKONOUS CH, To=N.2)	SSS05								S5521   S5521   S	re-direct (ASYNCHRONOUS CH, To=N.1)	[ VCID,FLOW ID, e-ACK]	U VIDEO DATA (5301)

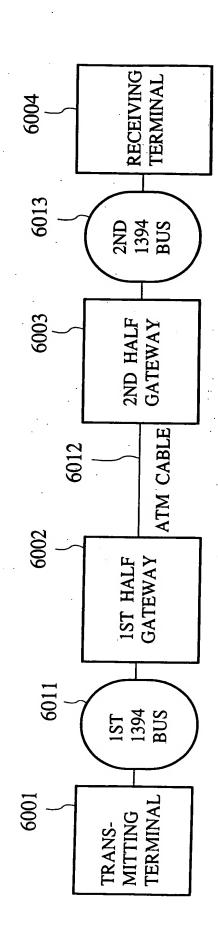


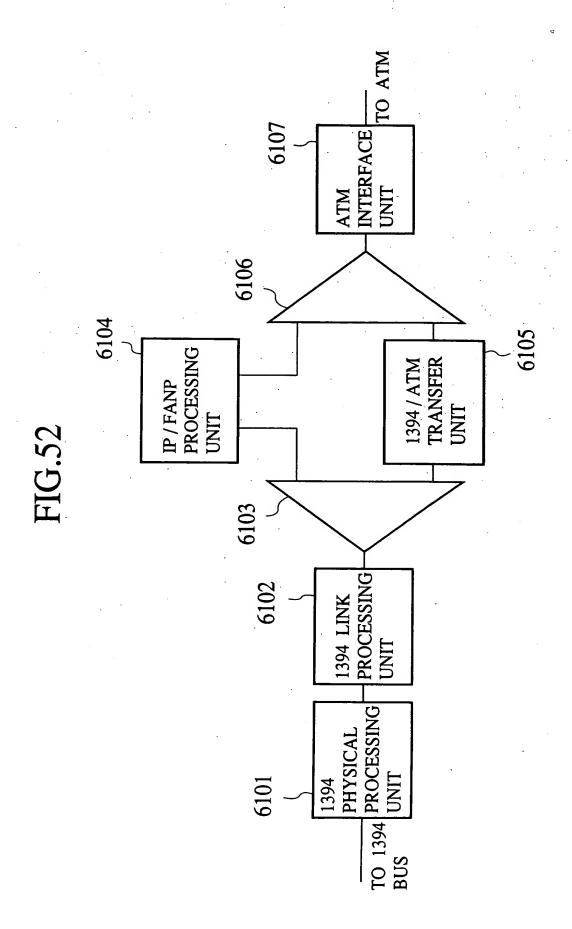














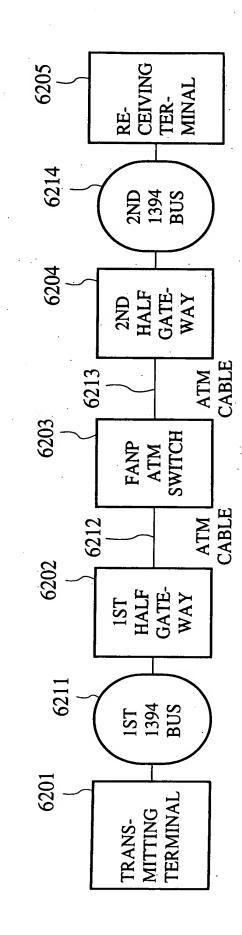
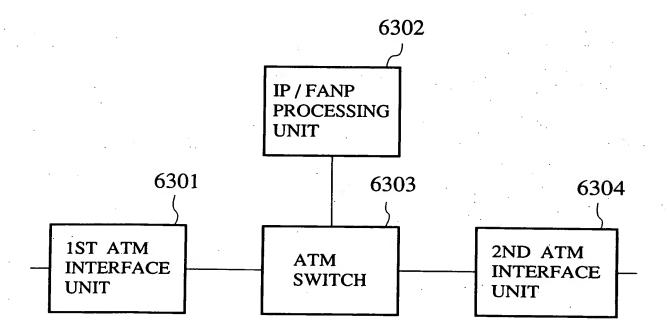
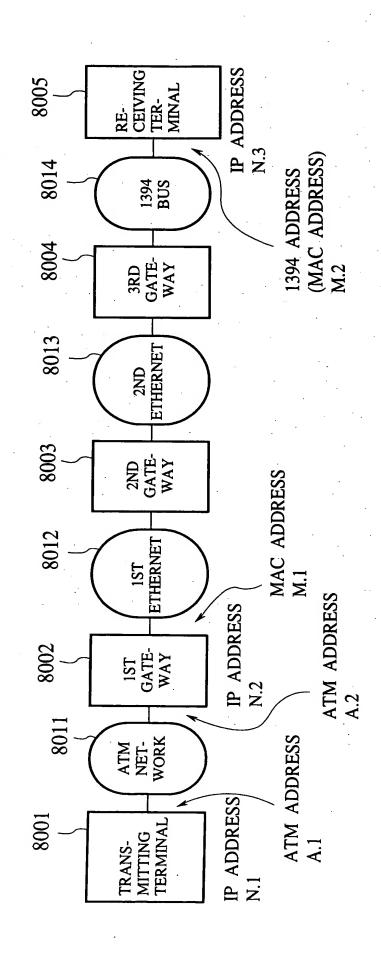


FIG.53

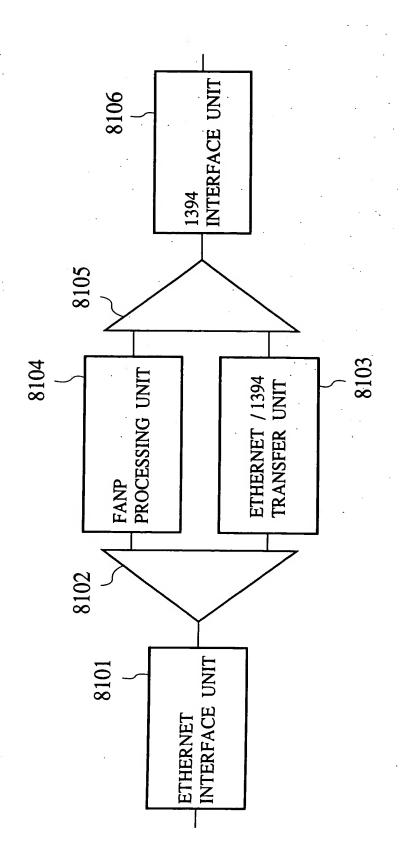
**FIG.54** 

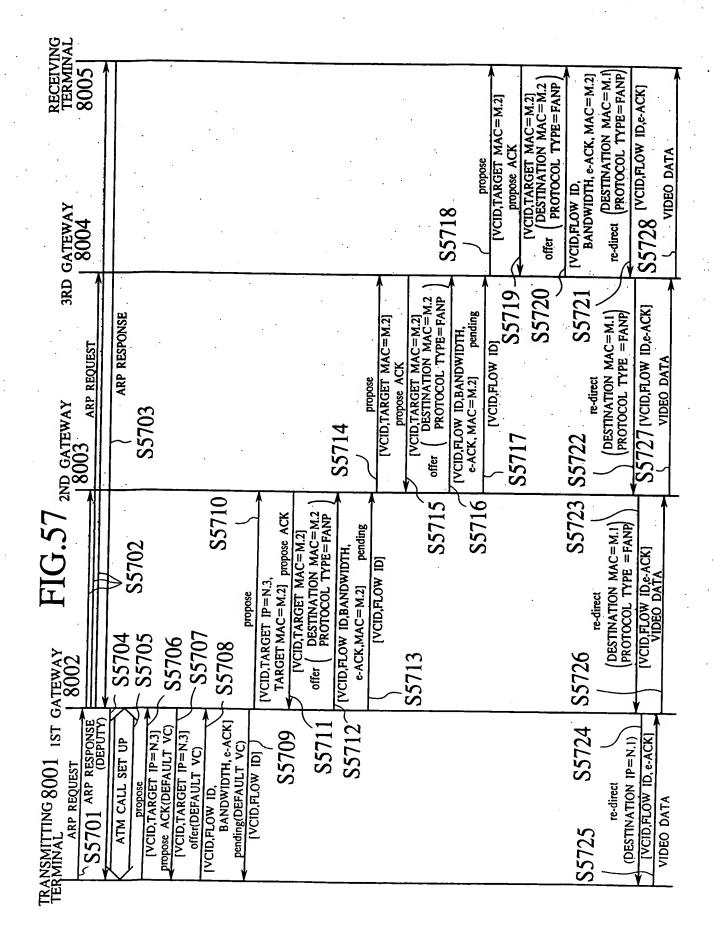


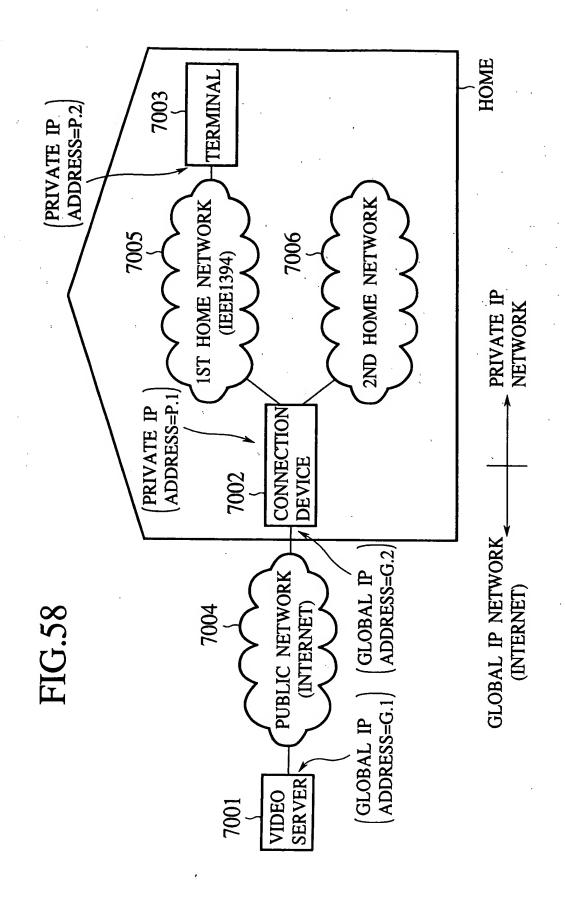


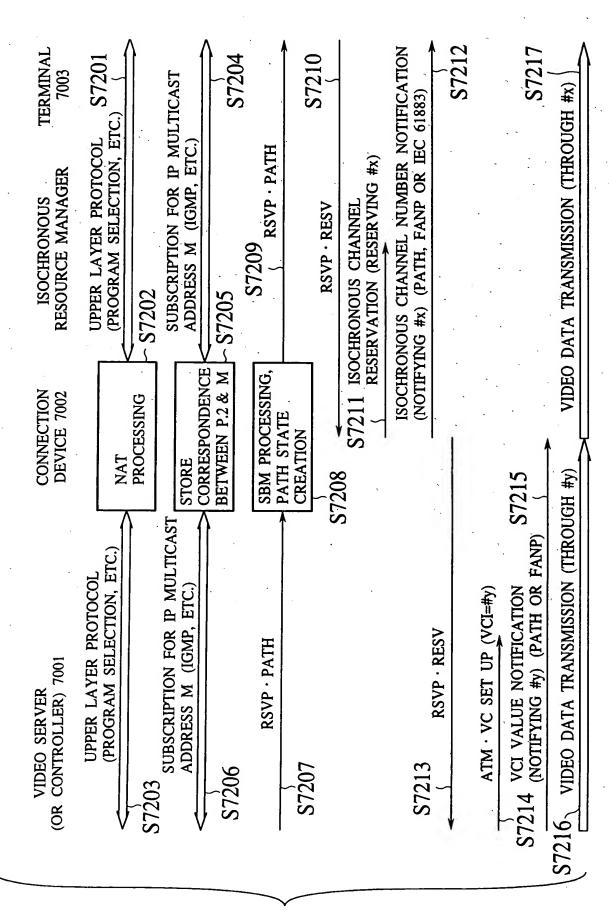




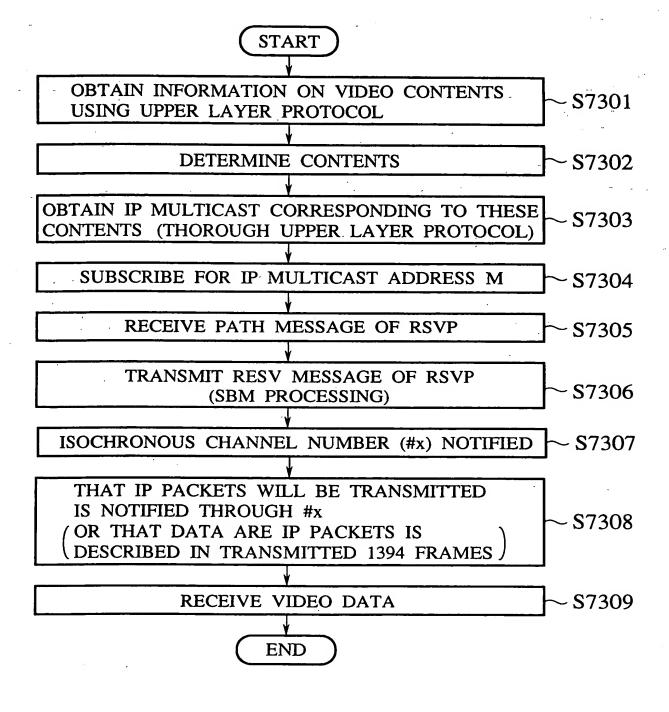


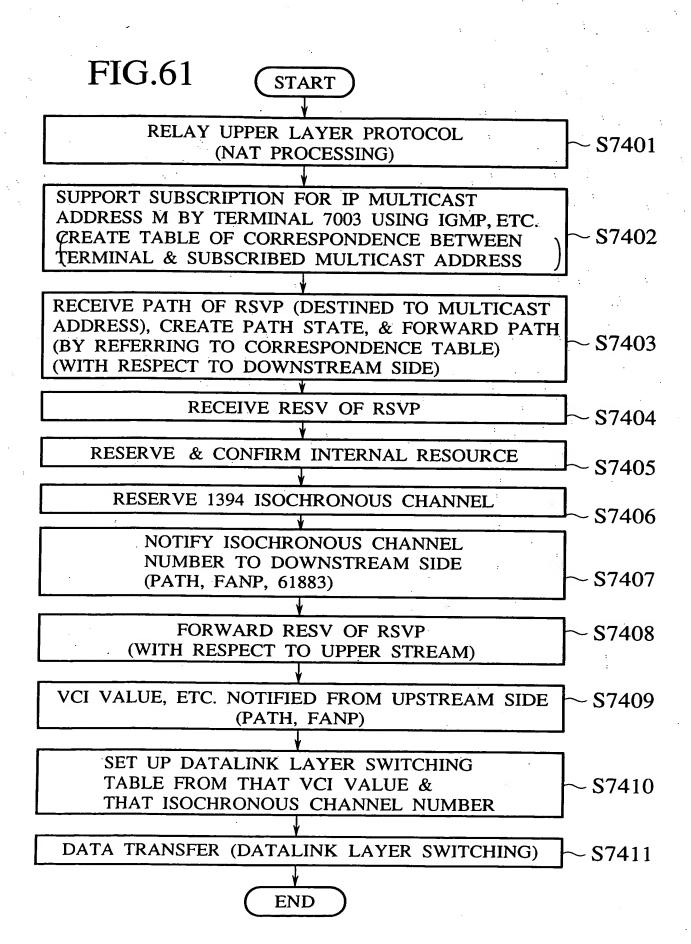






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	1	<del>-</del>	r	, ·
PRIVATE ADDRESS OF TERMINAL	P.2	P.5		<b></b>
I/F OF TERMINAL	1 (1ST HOME NETWORK)	2	- <b>-</b> -	<b></b>
SUBSCRIBED MULTICAST ADDRESS	M			

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### **FIG.63**

	ADER	HE.	ON	ИM	ON:	C
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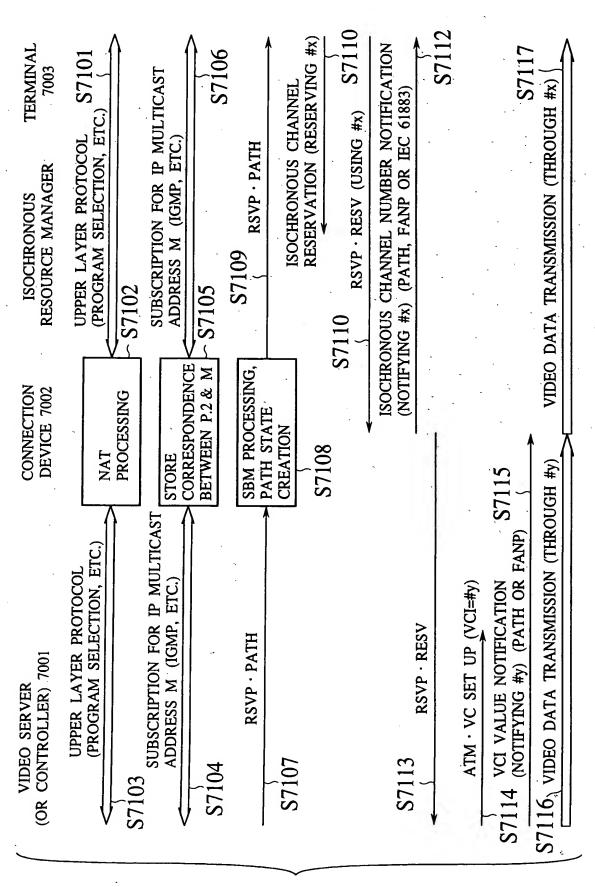
SESSION INFORMATION

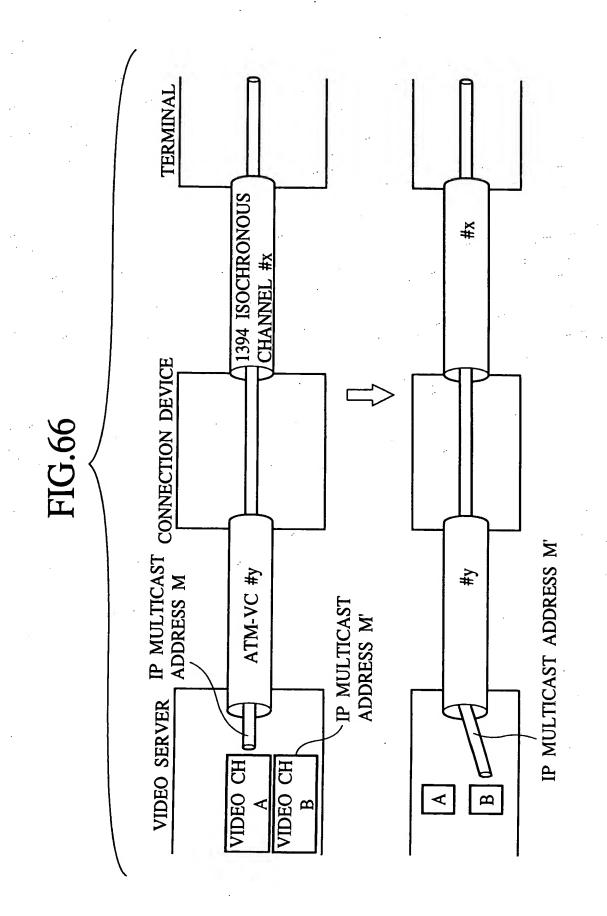
**RSVP HOP INFORMATION** 

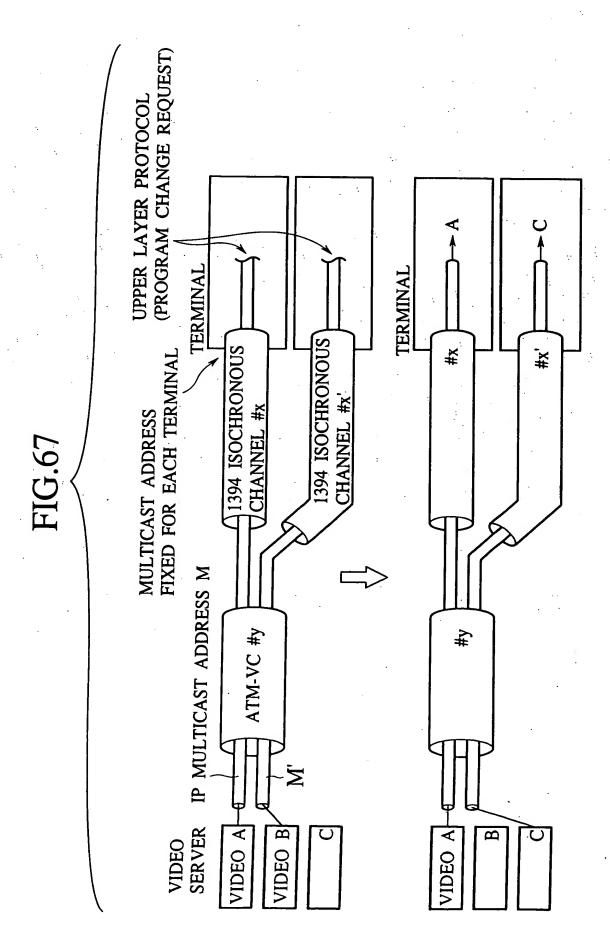
TIME VALUE

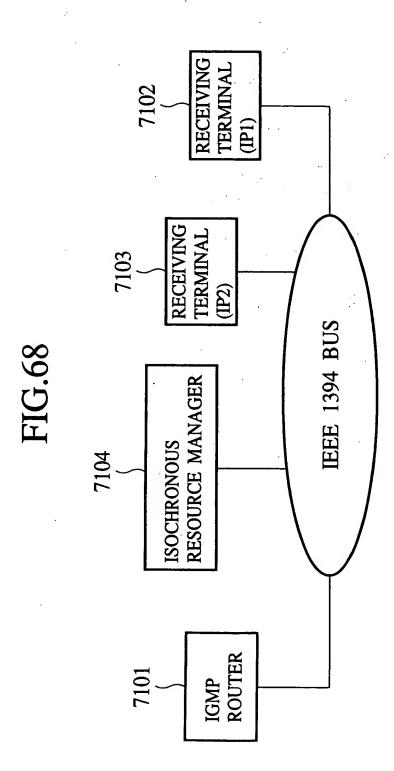
LOWER LAYER INFORMATION
(DATALINK TYPE=IEEE 1394
(ISOCHRONOUS CHANNEL NUMBER= #x)

-					ı
BASIC	NUMBER OF CONNECTIONS, ETC.	CHANNEL NUMBER	BANDWIDTH	ID, ETC.	
					1 1
EXTENDED	CHANNEL NUMBER	UPPER LAYER INFORMATION (MPEG/IP/···, IP FLOW)	DRMATION FLOW)	OTHERS	









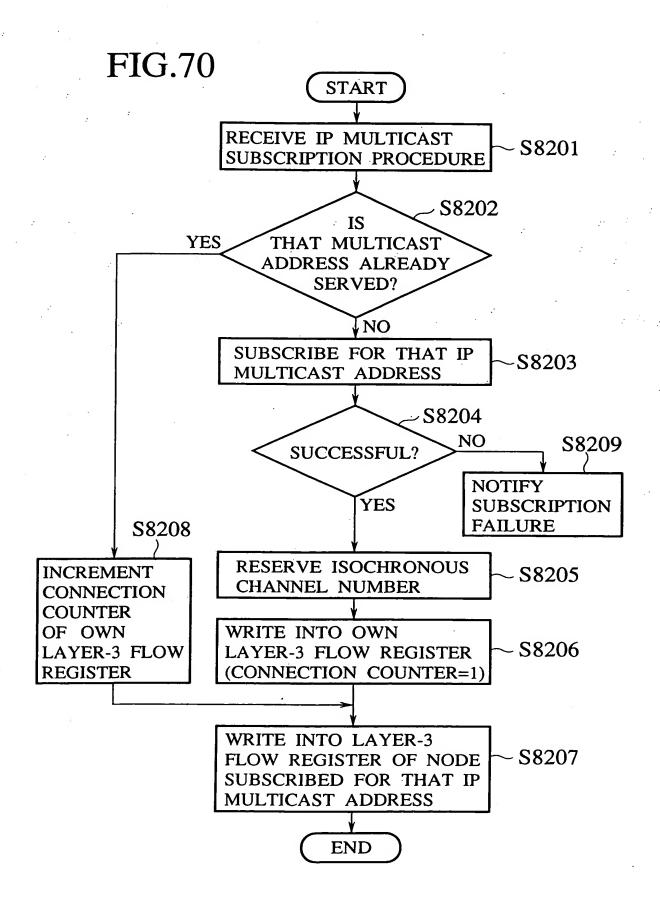
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ISC IGMP RE ROUTER MA	S8101 IGMP SUBSCRIPTION (IP MULTICAST ADDRESS=IPm) S8102 ISOCHRONOUS CHANNEL NUMBER RESERVATION (#	WRITING INTO OWN LAYER-3 FLOW REGISTER (CONNECTION COUNTER=1)	EAYER-3 S8104 (BANDWI	S8105_ IP MULTICAST DATA (THROUGH #x), DESTINATION=IPm	S8106_IGMP SUBSCRIPTION (IP MULTICAST ADDRESS=IPm)	WRITING INTO OWN LAYER-3 FLOW REGISTER (CONNECTION COINTER=2)
ISOCHRONOUS RESOURCE MANAGER	101 IGMP SUBSCRIPTION (IP MULTICAST ADDRESS=IPm) 102 ISOCHRONOUS CHANNEL NUMBER RESERVATION (#x)	LAYER-3 FLOW ON COUNTER=1)	LAYER-3 FLOW REGISTER WRITING 104 (BANDWIDTH, FLOW={(0,0), (IPm, 0)}, LAYER-2 ID=# x, INPUT)	ICAST DATA (THR	JBSCRIPTION (IP A	LAYER-3 FLOW
RECEIVING TERMINAL (IP2)	IULTICAST ADDRE	$\sim$ S8103	WRITING, (IPm, 0)}, LAYER	OUGH #x), DESTI	TULTICAST ADDRI	$\sim$ S8107
RECEIVING TERMINAL (IP1)	SS=IPm) ATION (#x)	:	-2 ID=# x, INPUT)	NATION=IPm	SSS=IPm)	

(BANDWIDTH, FLOW={(0,0), (IPm, 0)}, LAYER-2 ID=# x, INPUT)

LAYER-3 FLOW REGISTER WRITING

IP MULTICAST DATA (THROUGH #x), DESTINATION=IPm

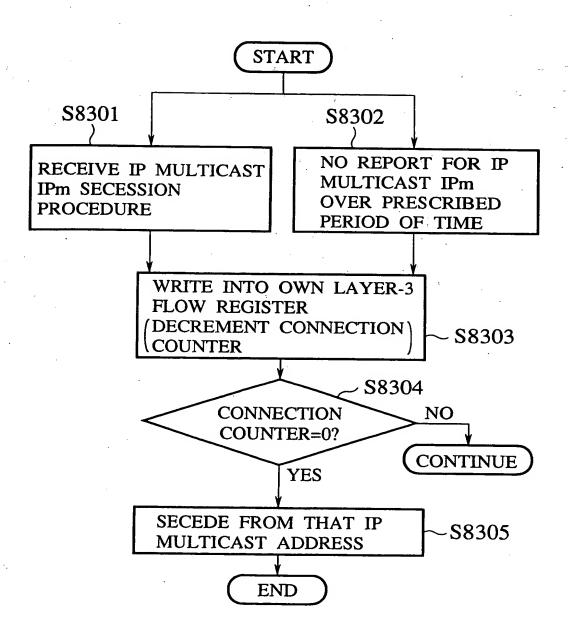


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### FIG.71

#### LAYER-3 FLOW REGISTER

BANDWIDTH
FLOW ID
SOURCE IP ADDRESS (0)
SOURCE PORT NUMBER (0)
DESTINATION IP ADDRESS (IPm)
DESTINATION PORT NUMBER (0)
LAYER-2 ID
LAYER-2 TYPE (IEEE 1394)
ID TYPE (ISOCHRONOUS CHANNEL NUMBER)
ID (#x)
DIRECTION (OUTPUT)
CONNECTION COUNTER



			)=#x, INPUT)	·					
RECEIVING TERMINAL (IP1)		, <b>1</b>	))}, LAYER-2 II	OUS STREAM)			·	-	CHANNEL)
ISOCHRONOUS RESOURCE TI MANAGER (I	CRIPTION (IPm)	ISOCHRONOUS CHANNEL NUMBER RESERVATION (#x)	LAYER-3 FLOW REGISTER WRITING (BANDWIDTH=0, FLOW= {(0,0), (IPm, 0)}, LAYER-2 ID=#x, INPUT)	IP MULTICAST DATA (THROUGH #x), S8504 DESTINATION=IPm, (AS ASYNCHRONOUS STREAM)	f (IPm, PORTm)	(IPm, PORTm)	I RESERVATION (y)	LAYER-3 FLOW REGISTER WRITING (BANDWIDTH=y, REST IS SAME)	IP MULTICAST DATA (THROUGH #x), S8509 DESTINATION=IPm (TO ISOCHRONOUS CHANNEL)
IGMP ROUTER	S8501 IGMP SUBSCRIPTION (IPm)	ISOCHRONO S8502 NUMBER RE	LAYER-3 FLOS (BANDWIDT)	IP MULTICA S8504 DESTINATION	S8505 RSVP · PATH (IPm, PORTm)	S8506_RSVP·RESV (IPm, PORTm)	S8507 BANDWIDTH RESERVATION (y)	LAYER-3 FLOW REGISTER WRIT S8508 (BANDWIDTH=y, REST IS SAME)	S8509 DESTINATION

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### FIG.75

#### FANP OFFER MESSAGE

VERSION NUMBER							
FLOW ID							
SOURCE IP ADDRESS (0)							
SOURCE PORT NUMBER (0)							
DESTINATION IP ADDRESS (IPm)							
DESTINATION PORT NUMBER (0)							
LAYER-2 ID							
LAYER-2 TYPE (IEEE 1394)							
ID TYPE (ISOCHRONOUS CHANNEL NUMBER)							
ID (#x)							
DIRECTION (INPUT)							

(BANDWIDTH=0, FLOW={(0,0), (IPm, 0)}, LAYER-2 ID=# x, INPUT) DESTINATION=(IPm, PORTI), (AS ASYNCHRONOUS STREAM) DESTINATION=(IPm, PORT2), (AS ASYNCHRONOUS STREAM) RECEIVING **TERMINAL** IP MULTICAST DATA (THROUGH #x), IP MULTICAST DATA (THROUGH #x) LAYER-3 FLOW REGISTER WRITING (IP1) NUMBER RESERVATION (#x) S8801 GMP SUBSCRIPTION (IPm) **ISOCHRONOUS CHANNEL ISOCHRONOUS** RESOURCE MANAGER ROUTER IGMP S8803~ S8804~ S8805~

S8808 BANDWIDTH RESERVATION (y) S8807 RSVP · RESV (IPm, PORT1)

RSVP · PATH (IPm, PORT1)

S8806~

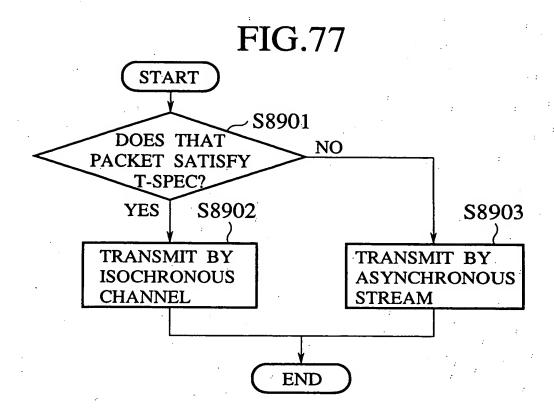
FIG.76

(BANDWIDTH=y, FLOW={(0,0), (IPm, PORT1)}, LAYER-2 ID=#x, INPUT) LAYER-3 FLOW REGISTER WRITING ~6088S

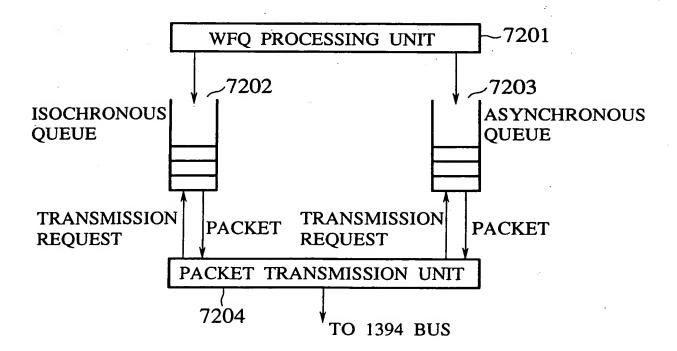
DESTINATION=(IPm, PORTI), (AS ISOCHRONOUS CHANNEL) IP MULTICAST DATA (THROUGH #x),

IP MULTICAST DATA (THROUGH #x),

DESTINATION=(IPm, PORT2), (AS ASYNCHRONOUS STREAM)



**FIG.78** 



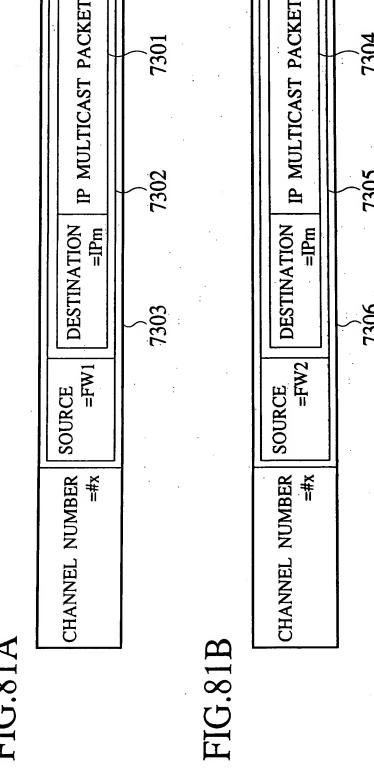
RSVP · PATH (IPm, PORTI)

RECEIVING TERMINAL (IP1)		()	LATER-3 FLOW REGISTER WRITING S9103 (BANDWIDTH=0, FLOW= $\{(0,0), (\text{IPm}, 0)\}$ , LAYER-2 ID=# x, INPI	IP MULTICAST DATA (THROUGH #x), S9104 DESTINATION=(IPm, PORTI), (AS ASYNCHRONOUS STREAM)	IP MULTICAST DATA (THROUGH #x), S9105_ DESTINATION=(IPm, PORT2), (AS ASYNCHRONOUS STREAM)
ISOCHRONOUS RESOURCE MANAGER	S9101 IGMP SUBSCRIPTION (IPm) ISOCHRONOUS CHANNEL	S9102 NUMBER RESERVATION (#x)	LATER-3 FLOW REGISTER WRITING (BANDWIDTH=0, FLOW={(0,0), (IPm, (	IP MULTICAST DATA (THROUGH #x), DESTINATION=(IPm, PORTI), (AS ASY)	IP MULTICAST DATA (THROUGH #x), DESTINATION=(IPm, PORT2), (AS ASY
IGMP   ROUTER	S9101 IGMP S ISOCHR	S9102 NUMBE	S9103 (BAND)	IP MUI S9104 DESTIN	IP MUL S9105 DESTIN

(BANDWIDTH=y, FLOW={(0,0), (IPm, PORT1)}, LAYER-2 ID=# z, DESTINATION=(IPm, PORT2), (AS ASYNCHRONOUS STREAM) DESTINATION=(IPm, PORTI), (AS ISOCHRONOUS CHANNEL) IP MULTICAST DATA (THROUGH #x), IP MULTICAST DATA (THROUGH #z), LAYER-3 FLOW REGISTER WRITING BANDWIDTH RESERVATION (y) S9108 NUMBER RESERVATION (#z) S9107 RSVP · RESV (IPm, PORT1) ISOCHRONOUS CHANNEL S9109~

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(BANDWIDTH, FLOW={(0,0), (IPm, 0)}, LAYER-2 ID=#x, BIDIRECTIONAL) (BANDWIDTH, FLOW={(0,0), (IPm, 0)}, LAYER-2 ID=# x, BIDIRECTIONAL) TERMINAL A IP MULTICAST DATA (THROUGH #x), DESTINATION=IPm, (IP1, FW1) IP MULTICAST DATA (THROUGH #x), DESTINATION=IPm, IP MULTICAST DATA (THROUGH #x), DESTINATION=IPm, S9206 IGMP SUBSCRIPTION (IP MULTICAST ADDRESS=IPm) IGMP SUBSCRIPTION (IP MULTICAST ADDRESS=IPm) TERMINAL B (IP2, FW2) S9203 LAYER-3 FLOW REGISTER WRITING LAYER-3 FLOW REGISTER WRITING NUMBER RESERVATION (#x) REGISTER (CONNECTION COUNTER=1) REGISTER (CONNECTION COUNTER=2) WRITING INTO OWN LAYER-3 FLOW WRITING INTO OWN LAYER-3 FLOW FRAGMENT SOURCE=FW1 FRAGMENT SOURCE=FW1 FRAGMENT SOURCE=FW2 ISOCHRONOUS CHANNEL **ISOCHRONOUS** RESOURCE MANAGER ROUTER IGMP S9208~ FIG.80



**FIG.81A** 

					(-y1)	
TERMINAL A (IP1, FW1) =IPm,	OUS CHANNEL) =IPm, OUS CHANNEL)	(y1) =IPm, S CHANNEL)	LPm, OUS CHANNEL) (y2)	CHANNEL)  -IPm, -IPm, -CHANNEL)	ANCELLATION =IPm, US CHANNEL)	EPm, CHANNEL)
P ISOCHRONOUS TERMINAL B TE TER RESOURCE MANAGER (IP2, FW2) ( IP MULTICAST DATA (THROUGH #x), DESTINATION=IPm,	FRAGMENT SOURCE=FW1 (THROUGH ASYNCHRONOUS CHANNEL)  IP MULTICAST DATA (THROUGH #x), DESTINATION=IPm, FRAGMENT SOURCE=FW2 (THROUGH ASYNCHRONOUS CHANNEL)	PAGMENT SOURCE=FW1 (THROUGH #x), DESTINATION=IPm, FRAGMENT SOURCE=FW1 (THROUGH ISOCHRONOUS CHANNEL)	FRAGMENT SOURCE=FW2 (THROUGH ASYNCHRONOUS CHANNEL)  S9406 BANDWIDTH RESERVATION (y2)	IP MULTICAST DATA (THROUGH #x), DESTINATION=IPm, FRAGMENT SOURCE=FW1 (THROUGH ISOCHRONOUS CHANNEL) IP MULTICAST DATA (THROUGH #x), DESTINATION=IPm, FRAGMENT SOURCE=FW2 (THROUGH ISOCHRONOUS CHANNEL)	S9409 BANDWIDTH RESERVATION CANCELLATION (-y1) IP MULTICAST DATA (THROUGH #x), DESTINATION=IPm, FRAGMENT SOURCE=FW1 (THROUGH ASYNCHRONOUS CHANNEL)	IP MULTICAST DATA (THROUGH #x), DESTINATION=IPm, S9411 FRAGMENT SOURCE=FW2 (THROUGH ISOCHRONOUS CHANNEL)
ISOCHRONOUS RESOURCE MANAGER AST DATA (THROUGH #x)	FW1 (THROUGH #x)	BANDWIDTH I	FW2 (THROUGH #x)	-FW1 (THROUGH #x) -FW1 (THROUGH #x) -FW2 (THROUGH	BANDWIDTH R (THROUGH #x) -FW1 (THROUGH	THROUGH #x)=FW2 (THROUGH
ISOCHRONOUS RESOURCE MA JLTICAST DATA (TF	MENT SOURCE- JLTICAST DATA MENT SOURCE-	S9403	MENT SOURCE-S9406	JLTICAST DATA	S9409 JUTICAST DATA	JLTICAST DATA
<b>≯</b> ⊃	S9401 FRAG IP MI S9402 FRAG	IP MI S9404 FRAG	S9405 FRAG	S9407 FRAGIP MISS9408 FRAGIP MISS9408	IP MI S9410 FRAG	IP MI
	6S 6S	6S	So So	6S 6S		6S

FRAGMENT SOURCE=FW1 (THROUGH ASYNCHRONOUS CHANNEL) FRAGMENT SOURCE=FW2 (THROUGH ASYNCHRONOUS CHANNEL) TERMINAL A IP MULTICAST DATA (THROUGH #x), DESTINATION=IPm, IP MULTICAST DATA (THROUGH #x), DESTINATION=IPm, (IP1, FW1) TERMINAL B (IP2, FW2) S9503 \_\_ RSVP · PATH {(IP1, PORT1), (IPm, 0)} ISOCHRONOUS RESOURCE MANAGER ROUTER IGMP S9502 S9501

S9504 RSVP · RESV ((IP1, PORT1), (IPm, 0))

ISOCHRONOUS CHANNEL NUMBER RESERVATION (#z)

S9506 BANDWIDTH RESERVATION (y1)

FANP OFFER, DESTINATION=IPm,  $9507 \sim \text{FLOW} = \{(\text{IP1, PORT1}), (\text{IPm, 0})\}, \text{ LAYER-2 ID=# z} \}$ 

S9508 FRAGMENT SOURCE=FW1 (THROUGH ISOCHRONOUS CHANNEL IP MULTICAST DATA (THROUGH #z), DESTINATION=IPm,

FRAGMENT SOURCE=FW2 (THROUGH ASYNCHRONOUS CHANNEL) IP MULTICAST DATA (THROUGH #x), DESTINATION=IPm,